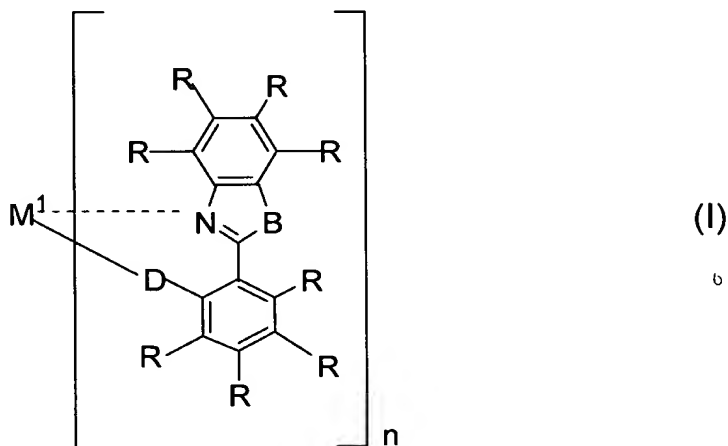


ABSTRACT

An organometallic luminescent material comprising the compound of formula (I) of the present invention can emit pure 5 blue light and have high thermal stability:



wherein,

M^1 is a monovalent or tetravalent metal selected from the 10 group consisting of Li, Na, K, Zr, Si, Ti, Sn, Cs, Fr, Rb, Hf, Pr, Pa, Ge, Pb, Tm and Md;

R is hydrogen or C_{1-10} alkyl;

B is O, S, Se or Te;

D is O or S; and

15 n is an integer ranging from 1 to 4.

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